



SUSTAINABILITY PROGRAM ANNUAL REPORT 2021

JW Marriott Hotel Bangkok

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<https://www.marriott.com/en-us/hotels/bkkdt-jw-marriott-hotel-bangkok/overview/>

OUR MISSION

Marriott International (“Marriott”) is committed to making a positive and sustainable impact wherever we do business. We embrace our global responsibility to be a force for good, as demonstrated by our sustainability and social impact platform, [Serve 360: Doing Good in Every Direction](#). Our commitment to responsible and sustainable business practices benefits the environment and the communities in which our hotels are located, in addition to contributing to our long-term success.

“JW Marriott Hotel Bangkok is committed to actions designed to conserve and protect the environment and will continue to implement those actions whenever possible and economically feasible.”

Kevin B. Thomson – Executive Chef of JW Marriott Hotel Bangkok

FOOD WASTE : A GLOBAL ISSUE

CO2

The **3rd biggest** carbon emitter
- If food waste were a country

FOOD
WASTE

1/3 of food produced is wasted each year
= Enough to feed **3 billion people**

\$

Food Waste costs **\$1.2 Trillion** per year

SEAFOOD SHELL PROJECT
2018 - 2021

Jan – Dec 2021

We donated 580kg of dried oyster shells & 321 kg dried egg shells



SCHOLAR OF SUSTENANCE
FOUNDATION
2019 - 2021

Jan – Dec 2021

We donated 3,218 kg of surplus food or
13,348 servings



COFFEE PROJECT
JULY 2020 -2021

Jan – Dec 2021

Used coffee granules into
complimentary scrub

887 kg



TRAINING
2021

Food Waste Prevention
refresher courses

312 hours

208 associates

ACHIEVEMENTS BY JW MARRIOTT HOTEL BANGKOK

107.6 TONS
OF FOOD SAVED

-75.34%
IN LAND FILL WASTE PER COVER

219,000
MEAL RESCUED

205 TONS
OF CO2 REDUCED

JW Marriott Bangkok continued to evolve after a very successful 2020, with its ambition to drive land fill reduction food waste by 50% by 2025. After yet another very challenging year in 2021, hotel still drove forward this commitment through the “Marriott Serve 360” program achieving outstanding results.

Lightblue Consulting brought its expertise and human centered approach to support the implementation in October 2018 which set the building blocks hotel still uses today.

- 312 hours of onsite training through food waste prevention and capacity building workshops
- Innovation with exciting ideas from our associates
- Creative new ways to reduce our carbon food print



“Here at JW Marriott Hotel Bangkok, we take great pride in what we continue to achieve as part of our commitment to reduce food waste and landfill guided by Marriott’s “Serve 360” project. We have established and continued to evolve our culture of reducing carbon footprint since the beginning of this journey back in October 2018. We have improved results year on year in our quest to embrace a more conservational existence, following our commitment towards social responsibility to our community”

Peter Caprez, Cluster General Manager



RESULT

Co2 = 1.90



MONTH TO DATE REDUCTION

MONTH	KG Saved	Co2 reduction (kg)	Meal Rescued	Money Saved
TOTAL 2020	94,256	179,086	188,512	
JAN 21	6,212	11,802.8	12,424	24,848
FEB 21	11,053	21,000.7	22,106	44,212
MAR 21	9,266	17,605.4	18,533	37,066
APR 21	5,847	11,109.3	11,694	23,388
MAY 21	4,502	8,553.8	9,004	18,008
JUNE 21	6,272	11,916.8	12,544	25,088
JULY 21	4,029	7,655.1	8,058	16,116
AUG 21	4,793	9,049.7	9,586	18,236
SEPT 21	7,352	13,968.8	14,704	29,408
OCT 21	12,535	23,816.5	25,070	50,140
NOV 21	12,275	23,322.5	24,550	49,100
DEC 21	20,576	39,304	40,550	81,100
YEAR TOTAL	104,712	198,966.10	229,062	458,124





Don't waste
SHARE

WHAT'S SOS?

(SCHOLARS OF SUSTENANCE FOUNDATION- THAILAND)

Food rescue NGO that will process and reallocate up to 2 tons of otherwise discarded (edible) food a day at the FREC building. Part maker space, part tool library, a center for creative upcycling projects.

ENVIRONMENTAL HUB.

Bangkok's very first green-NGO co-working space, an innovative hub for promoting environmental awareness.

NGO called Scholars of Sustenance collects otherwise discarded food from grocery stores, restaurants and hotels and delivers it for free to 30+ orphanages/ shelters across Bangkok. Food deemed unsuitable for consumption is delivered to 30+ farms in Bangkok where it is used as either animal feed or compost.

JW BKK Contribution

Food Donation in 2021, we donated 3,178 kg of good quality surplus food to SOS Thailand.

- The donation amount was provide over 13,348 serving to those in need.
- Also, by reducing this amount of food waste, we have successfully saved 6,674 KG of GHG (Greenhouse Gas) equivalence emission (Co₂-e (kg)) or 540 Days equivalent of electricity consumption for one household.



SOS RESULT

MONTH TO DATE REDUCTION

MONTH	Donation (kg)	Co2 reduction (kg)	Meals Served	Electricity (days saved)
2020	4,677.52	8,887.28	14,329	791 (2.1 years)
JAN 21	485.19	922	2,038	82
FEB 21	451	857	1,894	77
MAR 21	550.48	1,046	2,312	94
APR 21	467.86	889	1,965	80
MAY 21	53.55	102	225	9
JUNE 21	44.39	84.35	186	8
JULY 21	38.74	81	163	7
AUG 21	111.78	212.40	469	19
SEPT 21	124.97	262	525	21
OCT 21	114.45	240	481	19
NOV 21	261.00	548	1096	44
DEC 21	515.23	1,082	2,164	88
YEAR TOTAL	3,218.64	6,674	13,348	540



YEAR ON YEAR RESULTS

LANDFILL FOOD WASTE RESULTS	DATE	KG Saved	Co2 reduction (kg)	Meal Rescued
	TOTAL 2020	94,256	179,086	188,512
	TOTAL 2021	104,712	198,966	229,062
	VARIANCE	+10,456	+19,613	+40,550

SOS RESULTS	DATE	KG Saved	Co2 reduction (kg)	Meal Rescued	Electricity (days saved)
	TOTAL 2020	4,677.52	8,887.28	14,329	791
	TOTAL 2021	3,218.64	6,674	13,348	540
	VARIANCE	-1,458.88	-2,213.28	-981	-251 days

TOTAL SOS & REDUCED LANDFILL FOOD WASTE	DATE	Saved (kg)	Co2 reduction (kg)	Meal rescued	Electricity (days saved)
	TOTAL 2020	99,679	189,390	174,890	16,909
	TOTAL 2021	107,696	205,142	219,070	19,372
	VARIANCE	+8,017	+15,752	+44,180	+2,463

<http://watchmywaste.com.au/food-waste-greenhouse-gas-calculator/>

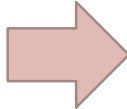
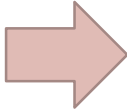


ON-GOING CAMPAIGNS

at JW Marriott Hotel Bangkok

SEAFOOD SHELL PROJECT WITH RAITONG ORGANIC FARM

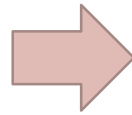
OYSTER SHELLS TO ORGANIC CHICKENS



SEAFOOD SHELL PROJECT WITH RAITONG ORGANIC FARM

June 7th – December 31st 2019 (3 tons oyster shell)

OYSTER SHELLS TO ORGANIC CHICKENS



Year 2019	Year 2020	Year 2021
3,000	1,948.45	582.47
VARIANCE	-1051.55	-1,365.98

Year 2021	KG	Year 2020	KG
JAN	72.75	JULY	58.89
FEB	99.39	AUG	11.06
MAR	149.59	SEPT	14.9
APR	73.9	OCT	-
MAY	-	NOV	34.17
JUNE	13.35	DEC	53.47
		GRAND TOTAL	582.47

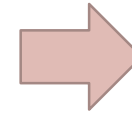
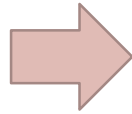
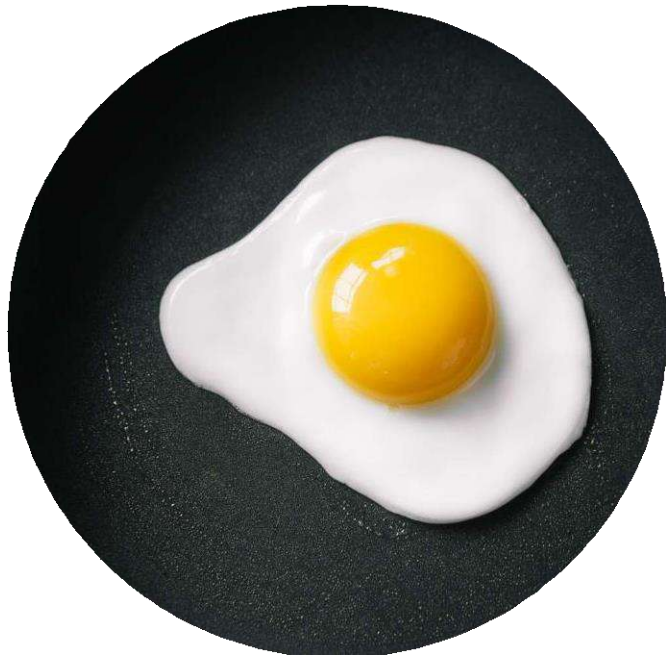
EGG SHELL PROJECT WITH RAITONG ORGANIC FARM

EGG SHELLS TO ORGANIC CHICKENS

Nov– Dec 2019 / 6.66grams per egg shell (199.23kg or 29,885 eggs)

Jan – Dec 2020 (951.89kg or 144,225 eggs)

Jan – Dec 2021 (321,306 or 48,244 eggs)



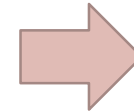
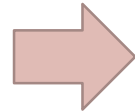
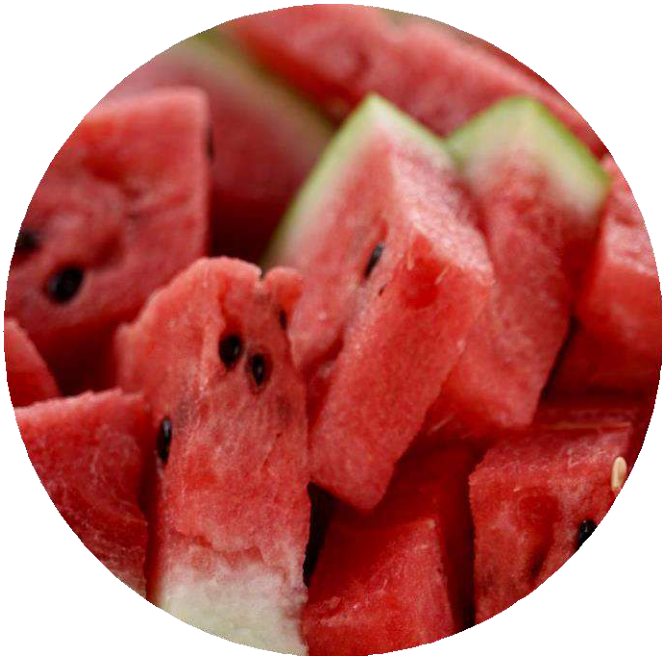
WATERMELON RIND PROJECT

WATERMELON RIND TO WATERMELON RIND CANDY

Year 2019 – 221 kg watermelon rind

2020- 280kg Watermelon rind

2021 – 380kg Watermelon rind



VEGETABLE & FRUIT PEELINGS



2020

Compost produced in house
594.06kg (product 28kg of nutrient rich soil)

Coffee for Scrub

238kg

Vegetable and Fruit Peeling for Animal Feed
6.9 tons

2021

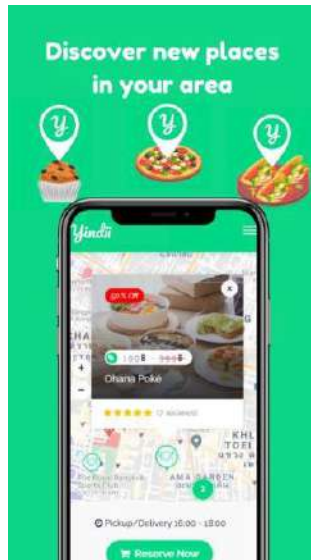
Compost produced in house
762.29kg (product 25kg of nutrient rich soil)

Coffee for Scrub

887kg

Vegetable and Fruit Peeling for Animal Feed
14.2 tons

YINDII



Yindii

**Eat Smarter,
Get the planet cleaner !
Rescue Delicious Food at unbeatable price**

What we mean by high-quality unsold food

In a perfect world, only non edible, expired or rotten food would be thrown away.

*Unfortunately, **a big portion of food waste** in professional restaurants and stores is just unsold high-quality food that cannot wait for tomorrow to be taken away.*

We're talking about fresh and clean salads, out-of-the-oven breads, delicious pastries, and today's perfectly edible and untouched meals.

No one likes to see perfectly good food go uneaten. So be a super (little) hero and start rescuing food !

As Easy As Yindii

1. Delicious unsold meals

To choose from top restaurants and cafes in Bangkok, for at least 50% OFF

2. Reserve easily

And pay through the App

3. Pickup your meal

At the place during pickup time and enjoy ! Rescuing food has never felt soooo good !

What is a Yindii Box ?

Think about it as a surprise basket !

The store prepares a Yindii Box full of unsold delicious items from that day and offers a great discount.

You will discover what's inside when you arrive at the store: it can be tasty pastries, appetizing baked bread, or flavoursome meals

It feels like a surprise gift when you receive the box !

YINDII



**Eat Smarter,
Get the planet cleaner !
Rescue Delicious Food at unbeatable price**

1 BOX
Contains of 3 mixed items
Example
1 x butter croissant

1 x Danish

1 x muffin

From breakfast production

Selling price 150THB

Year 2021	BOXES	Year 2021	KG
JAN	-	JULY	0 BBCO 0 JW CAFÉ
FEB	29 BBCO 10 JW CAFÉ	AUG	38 BBCO 0 JW CAFÉ
MAR	39 BBCO 13 JW CAFÉ	SEPT	17 BBCO 1 JW CAFÉ
APR	94 BBCO 100 JW CAFÉ	OCT	9 BBCO 5 JW CAFÉ
MAY	112 BBCO 41 JW CAFÉ	NOV	8 BBCO 5 JW CAFE
JUNE	83 BBCO 14 JW CAFÉ	DEC	8 BBCO 6 JW CAFE
BBCO	443	JW CAFÉ	195
		GRAND TOTAL	638

RESULTS

REDUCTION OF PLASTIC WASTE

JAN 2021 – DECEMBER 2021

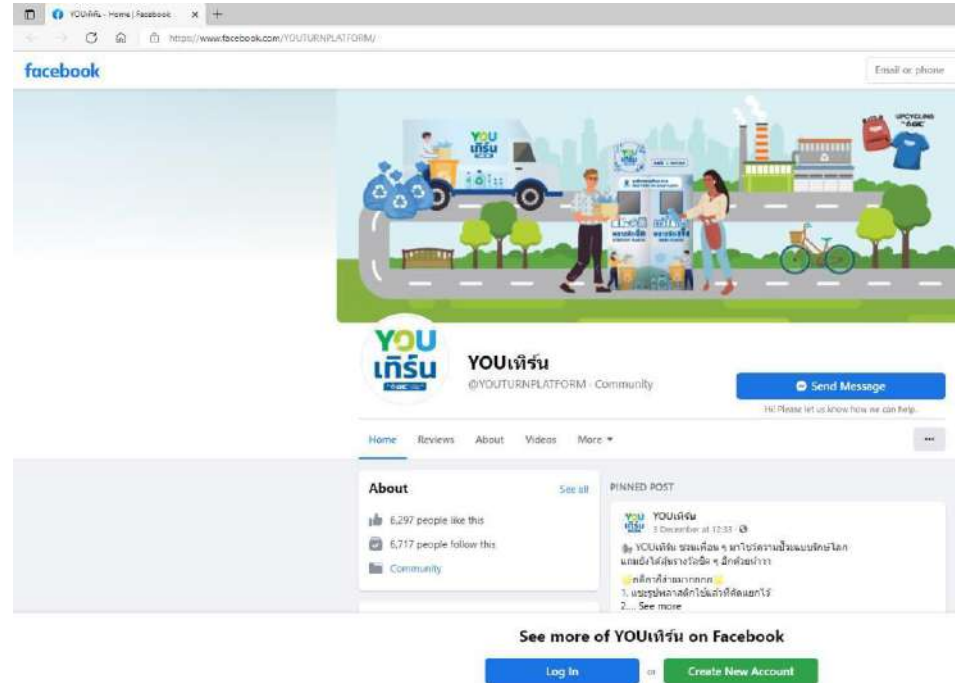
Per month

ITEM (ROOM)	EST. CONSUMPTION (PCS/MONTH)
Suit cover plastic with logo (Roll 500 M)	16,800
Plastic Laundry Bag	8,190
Guest Room Laundry Bag	63,000
Plastic Water Bottle (Gym Area)	210,000
ITEM (FOOD & BEVERAGE)	EST. CONSUMPTION (PCS/MONTH)
Plastic Straw	210,000
Plastic Box (250 gm)	25,200
Plastic Box (500 gm)	25,200
Plastic Waste Bottle with logo	315,000
Plastic Bag (Small)	210,000
Plastic Bag (Large)	168,000

RESULTS

1,789 PET
MADE INTO
99 PPE SUITS

REDUCTION OF PLASTIC WASTE 5 OCTOBER – 28 NOVEMBER 2021



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ENVIRONMENTAL

BEYONDMEAT

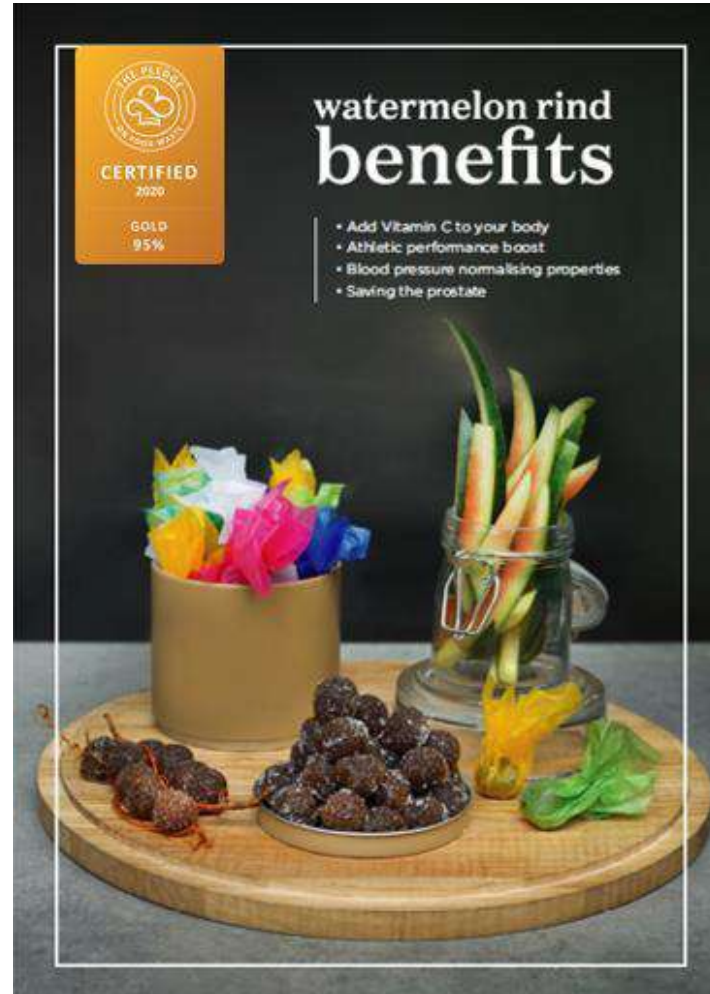
100% plant-based. Free from GMO, hormone and antibiotics. ***Beyond Meat makes history with the biggest IPO pop since 2000.***

OMNIMEAT

Formulated by a proprietary blend of plant-based proteins from pea, non-GMO soy, shiitake mushroom and rice, delivering 12.5 grams of protein per serving, it's completely plant-based, and has less cholesterol, calories and fats than real pork.



GUEST AWARENESS



TENT CARD AND TABLE TALKER

GUEST AWARENESS (SOCIAL MEDIA)

LOVE FOOD CAMPAIGN – RESPONSES



“JW Café and BBCO aims to reduce food waste in landfill to zero. Help us tackle this global crisis. With your contribution together we are better.” JW Cafe verbiage



JW MARRIOTT

BANGKOK